

A H D LC

EMC Testing/Engineering Services



NVLAP ACCREDITED
NARTE Certified Engineer
Professional Engineer

ELITE Electronic Engineering

TCB Services
1516 Centre Circle
Downers Grove, IL 60515-1082

Re:quote: EEE-Q20554TCB
Re: Application for Certification of Fleetwood Group Inc. Transceiver
under 47CFR 15.247.
FCC ID: **FBRLCB100-EI**

Gentlemen:

On behalf of the applicant, Fleetwood Group Inc., please find attached the submittal materials for certification of the "elnstruction cpsRF® Response System", Model LCB100-EI. This product, a part of Fleetwood Group's audience interaction technology, operates as a Frequency Hopping Spread Spectrum device within the 2400-2483.5MHz frequency band.

The complete List of the Exhibits in this submittal package appears on Page 2 of this cover letter.

Fleetwood Group Inc. has invested considerable resources into developing this product series. Pursuant to 47CRF 0.459, the Fleetwood Group requests that the Circuit Block Diagrams, Operational Description, and Schematics be held confidential. A formal letter addressing this request is reproduced in the file: EINB_Request.pdf.

The Federal Communications Commission will be notified, in writing, of any changes in the software/programming of the device that could affect the device's RF characteristics.

Your prompt consideration of this application for product certification will be greatly appreciated. Should you have any questions regarding the content of this report, kindly contact me.

Sincerely,

Ted Chaffee,
Technical Lab Manager
Narte Certified Engineer, #EMC-002025-NE
tel/fax: 269. 424.7014
email: tchaffee@ahde.com, or ahd@calllink.net

Table of Contents

Cover Letter / Table of Contents		Total Pages 2
Letter for Confidentiality		Total Pages 1

EXHIBIT A:

ID Label / Location [2.925,2.926,2.1033(b2,7),15.19(a3)]	EINB_Label.pdf	Total Pages 1
--	----------------	---------------

EXHIBIT B:

Description of Product [2.1033(b6)]	EINB_TechDesc.pdf	Total Pages 6
Circuit Block Diagram [2.1033(b5)]	EINB_Schem.pdf	Total Pages 3
Description of Operation [2.1033(b4)]		
Schematic [2.1033(b5)]		

EXHIBIT C:

Product photos [2.1033(b7)]		
Exterior views;	Interior views;	
Main Printed Circuit Board views;	EINB_Photos.pdf	Total Pages 2
EXC_Pwrsupplytop.jpg	EXC_Pwrsupplybtm.jpg	Total Pages 2

EXHIBIT D:

User's Manual	EINB_Manual.pdf	Total Pages 2
---------------	-----------------	---------------

EXHIBIT E:

Setup photos [2.1033(b8)]	Seven photos	Total Pages 7
EXE_pretest.jpg, EXE_LCIrear.jpg, EXE_LCIfrnt.jpg,		
EXE_Radrear.jpg, EXE_Radfrnt.jpg, EXE_RadrearDIG.jpg, EXE_RadfrntDIG.jpg		
Report of Measurements [2.1033(b6)]		Total Pages 23
Table of Contents	Page 2	
Manufacturer/Applicant [2.1033(b1)]	Page 4	
Measurement/Test Facility & Equipment	Page 4	
Configuration/Setup [2.1033(b8)]	Page 5	
Test Standards / Methodology [2.1033(b6)]	Page 7	
Test Data [2.1033(b6)]		
Summary of Results	Page 6	
Frequency Hopping Characteristics	Page 11	
Bandedge	Page 14	
Radiated Field Strength [15.249(b)]	Page 20	
Test Data of Harmonics	EXE_Ein_RFb.pdf	Total Pages 3

Misc. EXHIBIT:

RF Exposure Information [2.1093(c)]		Total Pages 1
-------------------------------------	--	---------------